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TRU Waste Inventory Discussion

WIPP Quarterly 042018



Steve Clemmons
ADPSM-IPM Program Manager
TRU Waste Integration

04/20/18



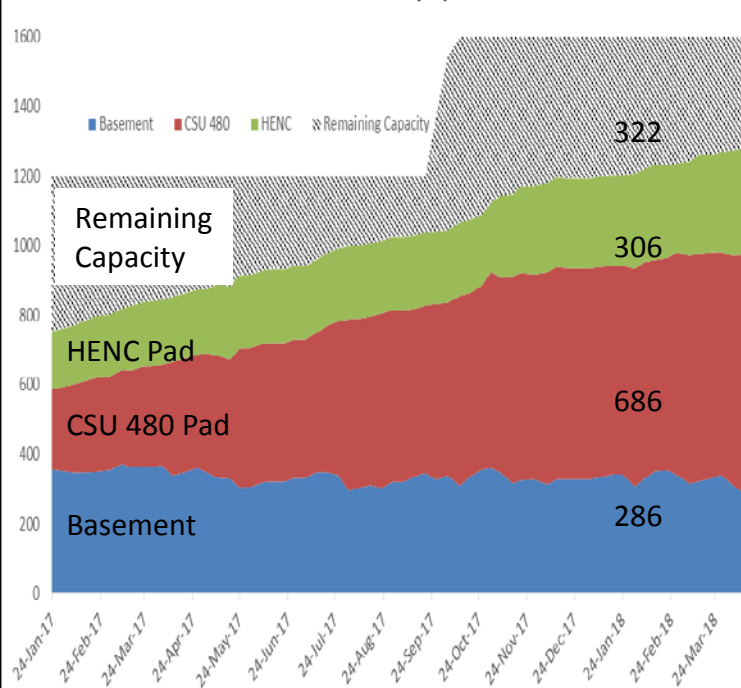
Operated by Los Alamos National Security, LLC for the U.S. Department of Energy's NNSA

TA55 TRU Waste Inventory Status 041218

TA-55 TRU Waste Inventory - Data Date 04/12/18

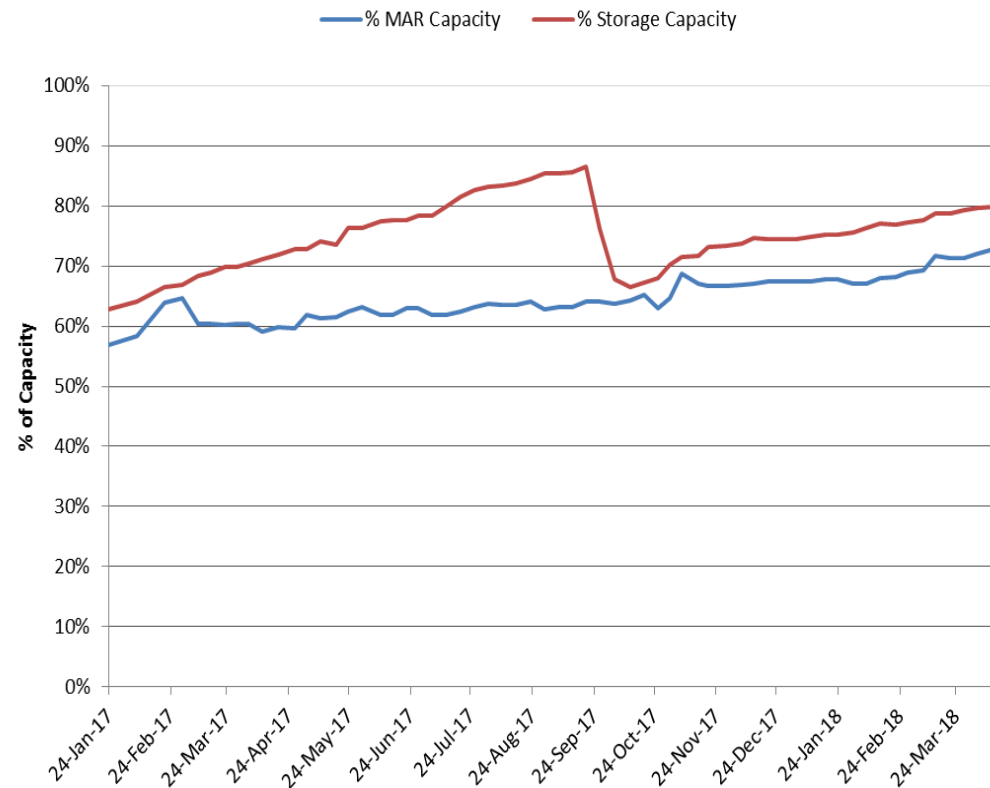
	TRU Waste MAR		TRU Waste Volume	
	Pu-Eq kg	% of Limit	Containers	% of Capacity
Basement	18.9	63.0%	286	60.9%
Outside	21.2	84.8%	992	87.8%
Total	40.1	72.9%	1278	79.9%

TA55 TRU Storage and Remaining Capacity
Data Date 04/12/18



TA55 TRU Waste MAR and Storage Capacity Trend

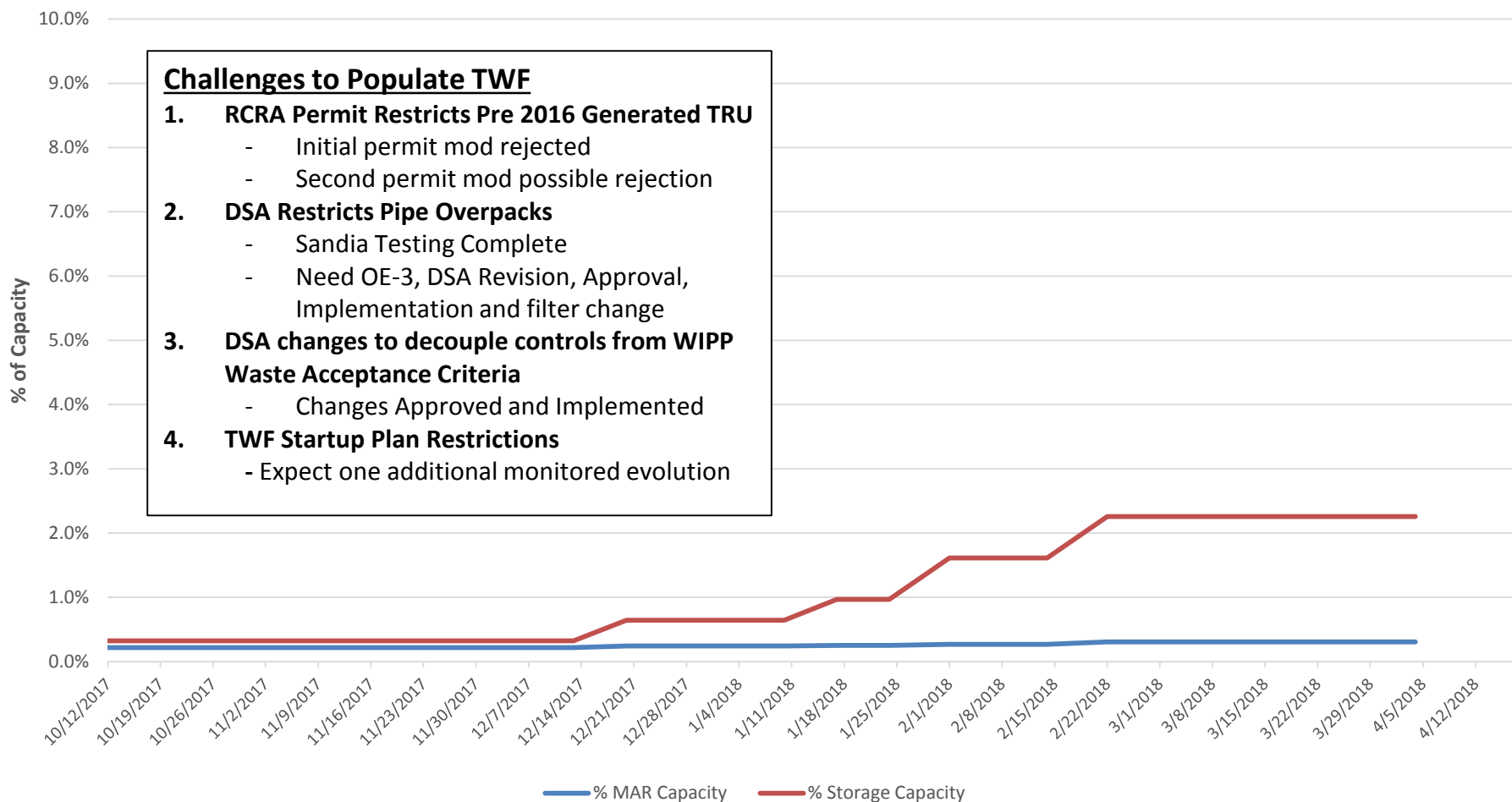
Data Date 04/12/18



SER for TWF ESS approved 04/04/18. Next shipment to TWF target.....04/19/18

TWF TRU Waste Inventory Status 041818

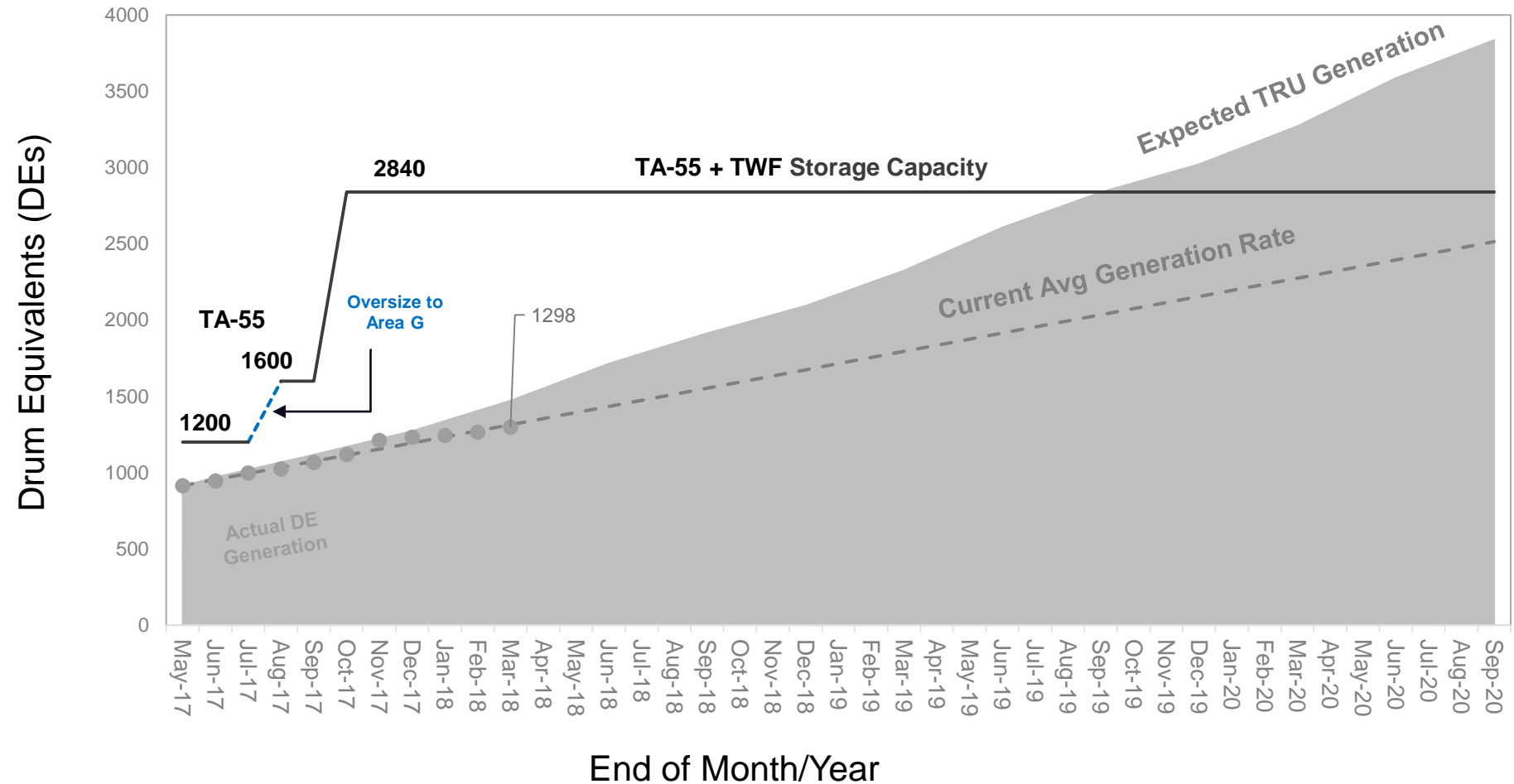
TWF TRU Waste MAR and Storage Capacity Trend - Data Date 04/18/18



TWF TRU Inventory.....28 Drums.....58.7 PE-Ci

ADPSM TRU Waste Planning - Forecast

TRU Waste Generation Forecast Versus Storage Capacity

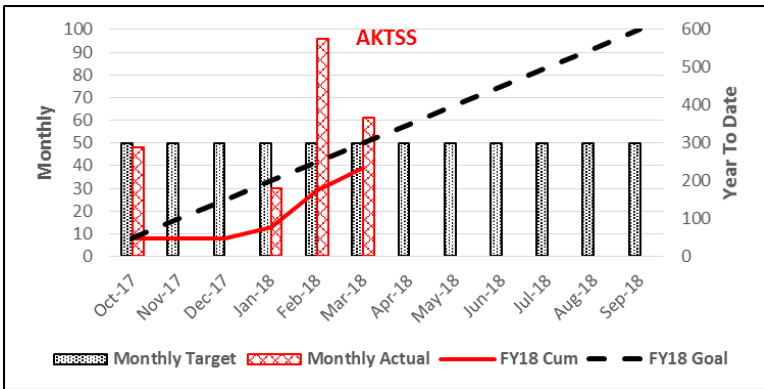


With no shipments to WIPP, TRU waste storage capacity can be reached as early as Sept 2019.

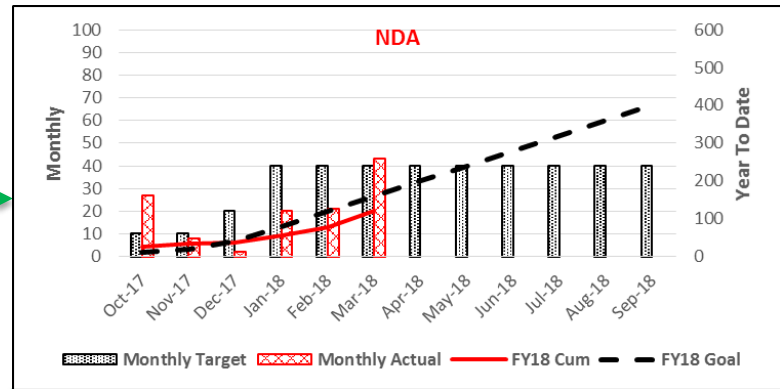
TA55 TRU Waste Container Certification Metrics

- Through MAR 2018

Push Inventory for WIPP AK	783
Total in WIPP AK System	528



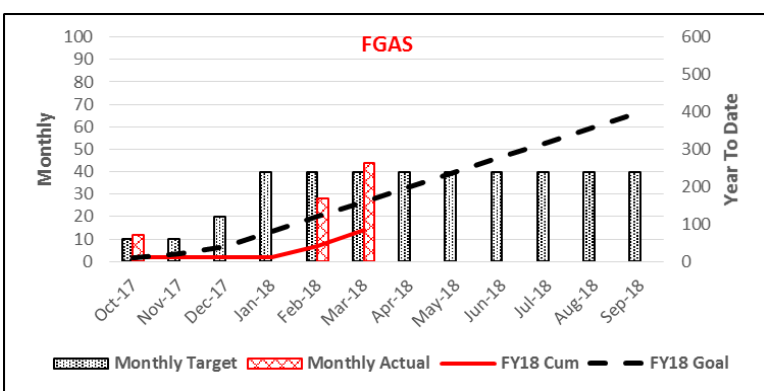
Push Inventory for NDA	152
Total NDA Complete	324



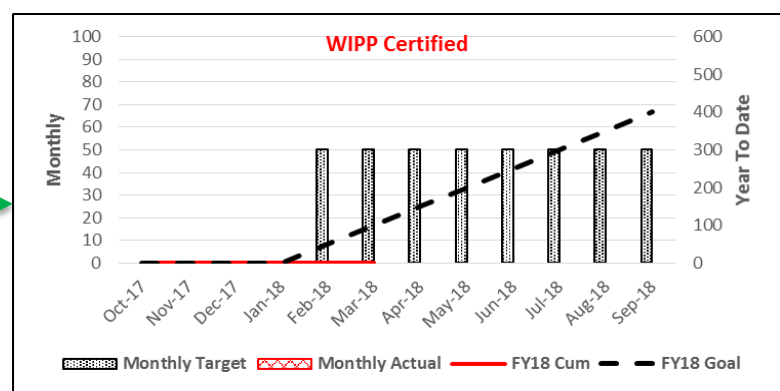
Certification

Process

Push Inventory for FGAS	191
Total FGAS Complete	134



Push Inventory for WIPP Certification	134
Total Certified to Ship	0



Flow

TA55/TWF POC/Inventory Discussion

POC Discussion Items

- Issuance of OE-3
- Scope of DSA credit for Ultra Tech filter
 - WIPP, RANT, TA55, CMR, TWF, Area G, TSD, WCRRF
- Procurement of Ultra Tech filters
- Filter Replacement Strategy
- Will POCs without combustibles require filter replacement in order to ship to WIPP?
- Will OSRP POCs require filter

TA55 POC Inventory Data

–749 Total

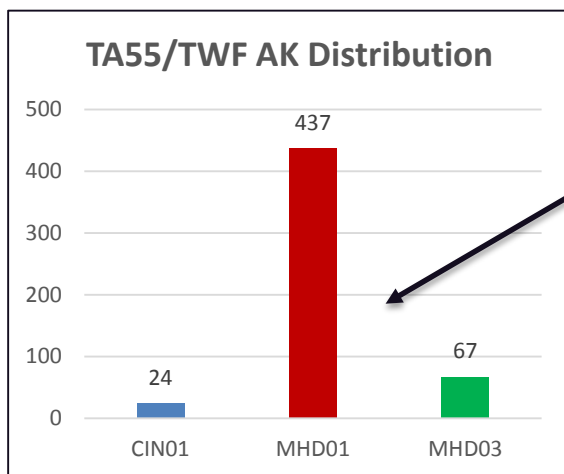
- 730 NDE Complete
 - 218 No NCR
 - » 89 MHD01.....18 FGAS Complete
 - » 2 MHD03
 - » 127 No AK

Area G NNSA POC Inventory

–107 Total (excluding OSRP)

- 7 Previously Certified

AK Distribution for TA55/TWF Inventory



MHD01 is the
Predominate waste stream
For NNSA TRU Waste

